

HANDS-ON TRAINING & EDUCATION COURSE



NEW NEW NEW NEW NEW

1-Week US DOE Nuclear Criticality Safety Course for:

“supervisors and managers, fissile material operations managers/handlers”

Course Overview

- ◆ DOE perspective on criticality safety regulations, standards and guides; overview of ANSI/ANS-8 standards
- ◆ Major emphasis on “hands-on” subcritical and “remote” critical experiments
- ◆ Major emphasis on practical exercises to developing criticality safety evaluations with:
 - DOE-STD-3007-2007 compliance
 - Nuclear Criticality Safety Fundamentals
 - Criticality Accidents
 - Proper utilization of NDA measurement data
 - Role of Hazards Analysis
 - Human Factors and Equipment Reliability

OFFERED AT TWO LOCATIONS!!!

No cost for the course!

Nevada National Security Site for students with Q/L clearances



Flattop
Critical
Assembly

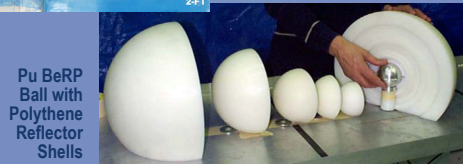
HEU Training
Assembly for
Criticality
Safety (TACS)



HEU Foils and Lucite Plates
Hand Stacking and Remote
Critical Assembly

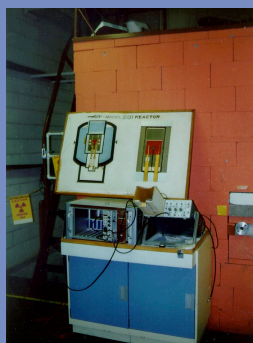


Godiva IV Fast
Burst Reactor

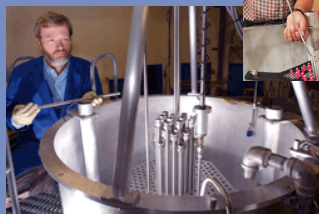


Pu BeRP
Ball with
Polythene
Reflector
Shells

Sandia National Laboratory for students with or without clearances



AGN-201M
Reactor



BUCCX LEU
Critical
Assembly



7uPCX IEU
Critical
Assembly

Registration, syllabus, prerequisites, logistics, and contact information available.

<http://ncsp.llnl.gov>

(A 2-week course is also available for CSEs.)